

P20987.P01

UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

P20987

Total Pages

Inventor(s) or Applicant Identifier
Tsuyoshi NAKAJIMA, Masami TAKESHI, Naoya MUROTA,
and Yutaka MIYAHARATitle: METHOD AND SYSTEM FOR DETECTING A
DEFECT IN PROJECTED PORTIONS OF AN OBJECT
HAVING THE PROJECTED PORTIONS FORMED IN THE
SAME SHAPE WITH A PREDETERMINED PITCH ALING
AN ARC

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

APPLICATION ELEMENTS

ACCOMPANYING APPLICATION PARTS

1. ☒ Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
 - a. ☐ Small Entity Statement(s)
3. ☒ Specification [Total Pages 40]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 USC 113) [Total Sheets 9]
5. ☒ Oath or Declaration [Total Pages 4]
 - a. ☒ Newly executed (original or copy) ☐ Unexecuted
 - b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 20 completed)
[Note Box 6 below]
 - i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☐ Incorporation By Reference (useable if Box 5b is checked)
The entire disclosure of the prior application, from which a
copy of the oath or declaration is supplied under Box 5b, is
considered as being part of the disclosure of the accompanying
application and is hereby incorporated by reference therein.
7. ☐ Application Data Sheet. See 37 CFR 1.76
8. ☐ CD-Rom or CD-R in duplicate, large table or Computer
Program (Appendix)

9. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies
10. ☒ Assignment Papers (cover sheet & document(s))
11. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
12. ☐ English Translation Document (if applicable)
13. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
14. ☒ Preliminary Amendment
15. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
16. ☒ Figure of Drawing to be published 1
17. ☒ Foreign priority claimed
 - a. ☒ Claim of Priority
 - b. ☒ Certified Copy of Priority Document(s)
18. ☒ Assignee: SUZUKI MOTOR CORPORATION of Shizuoka, JAPAN
19. ☐ Other: _____

20. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior Application No. _____ / _____, filed _____.
 Prior application information: Examiner: _____ Group Art Unit: _____
21. ☐ Amend the specification by inserting before the first line the sentence:This application is a continuation-in-part, continuation, divisional, of Application No. _____ / _____, filed _____.Address all future correspondence to **Customer No. 7055** at the present address of:GREENBLUM & BERNSTEIN, P.L.C.
1941 Roland Clarke Place
Reston, VA 20191
(703) 716-1191

Date


 Leslie J. Papern Reg. No. 33,329
 Signature
Bruce H. Bernstein, Reg. No. 29,027
Typed or Printed Name

FEE TRANSMITTAL		Complete if Known																																																																																																																																																																																																	
		Application Number	Not Yet Assigned																																																																																																																																																																																																
		Filing Date	Concurrently Herewith																																																																																																																																																																																																
		First Named Inventor	T. NAKAJIMA et al.																																																																																																																																																																																																
		Group Art Unit	Unassigned																																																																																																																																																																																																
		Examiner Name	Unassigned																																																																																																																																																																																																
TOTAL AMOUNT OF PAYMENT (\$) 830.00		Attorney Docket Number P20987																																																																																																																																																																																																	
METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																																																																																																	
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account Number <u>19-0089</u> Deposit Account Name <u>GREENBLUM & BERNSTEIN, P.L.C.</u> <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37 CFR 1.136(a)(3)) <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b) <input type="checkbox"/> Applicant Claims Small Entity Status See 37 CFR 1.27. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other		3. ADDITIONAL FEES <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath or cover sheet.</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR Prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for response within 1st month</td><td></td></tr> <tr><td>116</td><td>390</td><td>216</td><td>195</td><td>Extension for response within 2nd month</td><td></td></tr> <tr><td>117</td><td>890</td><td>217</td><td>445</td><td>Extension for response within 3rd month</td><td></td></tr> <tr><td>118</td><td>1,390</td><td>218</td><td>695</td><td>Extension for response within 4th month</td><td></td></tr> <tr><td>128</td><td>1,890</td><td>228</td><td>945</td><td>Extension for response within 5th month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive unavoidably abandoned application</td><td></td></tr> <tr><td>141</td><td>1,240</td><td>241</td><td>620</td><td>Petition to revive unintentionally abandoned application</td><td></td></tr> <tr><td>142</td><td>1,240</td><td>242</td><td>620</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>440</td><td>243</td><td>220</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>600</td><td>244</td><td>300</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of IDS</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>40</td></tr> <tr><td>146</td><td>710</td><td>246</td><td>355</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>710</td><td>249</td><td>355</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>179</td><td>710</td><td>279</td><td>355</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td></td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td></td></tr> <tr><td colspan="5" style="text-align: right;">SUBTOTAL (3) (\$)</td><td>40</td></tr> </tbody> </table>		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath or cover sheet.		127	50	227	25	Surcharge - late provisional filing fee		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR Prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for response within 1st month		116	390	216	195	Extension for response within 2nd month		117	890	217	445	Extension for response within 3rd month		118	1,390	218	695	Extension for response within 4th month		128	1,890	228	945	Extension for response within 5th month		119	310	219	155	Notice of Appeal		120	310	220	155	Filing a brief in support of an appeal		121	270	221	135	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive unavoidably abandoned application		141	1,240	241	620	Petition to revive unintentionally abandoned application		142	1,240	242	620	Utility issue fee (or reissue)		143	440	243	220	Design issue fee		144	600	244	300	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	240	126	240	Submission of IDS		581	40	581	40	Recording each patent assignment per property (times number of properties)	40	146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))		149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))		179	710	279	355	Request for Continued Examination (RCE)		169	900	169	900	Request for expedited examination of a design application		Other fee (specify) _____						Other fee (specify) _____						SUBTOTAL (3) (\$)					40
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																														
105	130	205	65	Surcharge - late filing fee or oath or cover sheet.																																																																																																																																																																																															
127	50	227	25	Surcharge - late provisional filing fee																																																																																																																																																																																															
139	130	139	130	Non-English specification																																																																																																																																																																																															
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																																																															
112	920*	112	920*	Requesting publication of SIR Prior to Examiner action																																																																																																																																																																																															
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																															
115	110	215	55	Extension for response within 1st month																																																																																																																																																																																															
116	390	216	195	Extension for response within 2nd month																																																																																																																																																																																															
117	890	217	445	Extension for response within 3rd month																																																																																																																																																																																															
118	1,390	218	695	Extension for response within 4th month																																																																																																																																																																																															
128	1,890	228	945	Extension for response within 5th month																																																																																																																																																																																															
119	310	219	155	Notice of Appeal																																																																																																																																																																																															
120	310	220	155	Filing a brief in support of an appeal																																																																																																																																																																																															
121	270	221	135	Request for oral hearing																																																																																																																																																																																															
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																															
140	110	240	55	Petition to revive unavoidably abandoned application																																																																																																																																																																																															
141	1,240	241	620	Petition to revive unintentionally abandoned application																																																																																																																																																																																															
142	1,240	242	620	Utility issue fee (or reissue)																																																																																																																																																																																															
143	440	243	220	Design issue fee																																																																																																																																																																																															
144	600	244	300	Plant issue fee																																																																																																																																																																																															
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																															
123	50	123	50	Petitions related to provisional applications																																																																																																																																																																																															
126	240	126	240	Submission of IDS																																																																																																																																																																																															
581	40	581	40	Recording each patent assignment per property (times number of properties)	40																																																																																																																																																																																														
146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																															
149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																															
179	710	279	355	Request for Continued Examination (RCE)																																																																																																																																																																																															
169	900	169	900	Request for expedited examination of a design application																																																																																																																																																																																															
Other fee (specify) _____																																																																																																																																																																																																			
Other fee (specify) _____																																																																																																																																																																																																			
SUBTOTAL (3) (\$)					40																																																																																																																																																																																														
FILING FEE <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>710</td><td>201</td><td>355</td><td>Utility filing fee</td><td>710</td></tr> <tr><td>106</td><td>320</td><td>206</td><td>160</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>490</td><td>207</td><td>245</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>710</td><td>208</td><td>355</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td></td></tr> <tr><td colspan="5">SUBTOTAL (1) (\$)</td><td>710</td></tr> </tbody> </table>		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	101	710	201	355	Utility filing fee	710	106	320	206	160	Design filing fee		107	490	207	245	Plant filing fee		108	710	208	355	Reissue filing fee		114	150	214	75	Provisional filing fee		SUBTOTAL (1) (\$)					710	CLAIMS <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Total Claims</th> <th>Extra</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>8</td> <td>-20=</td> <td>0</td> <td>0</td> </tr> <tr> <td>4</td> <td>-3=</td> <td>1</td> <td>80</td> </tr> <tr> <td colspan="3">Multiple Dependent Claims _____ x _____ =</td> <td>0</td> </tr> </tbody> </table>		Total Claims	Extra	Fee from below	Fee Paid	8	-20=	0	0	4	-3=	1	80	Multiple Dependent Claims _____ x _____ =			0																																																																																																																																						
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																														
101	710	201	355	Utility filing fee	710																																																																																																																																																																																														
106	320	206	160	Design filing fee																																																																																																																																																																																															
107	490	207	245	Plant filing fee																																																																																																																																																																																															
108	710	208	355	Reissue filing fee																																																																																																																																																																																															
114	150	214	75	Provisional filing fee																																																																																																																																																																																															
SUBTOTAL (1) (\$)					710																																																																																																																																																																																														
Total Claims	Extra	Fee from below	Fee Paid																																																																																																																																																																																																
8	-20=	0	0																																																																																																																																																																																																
4	-3=	1	80																																																																																																																																																																																																
Multiple Dependent Claims _____ x _____ =			0																																																																																																																																																																																																
SUBTOTAL (2) (\$) 80		*Reduced by Basic Filing Fee paid																																																																																																																																																																																																	

SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name		Bruce H. Bernstein		Reg. Number	
Signature				29,027	
		Date		Deposit Account User ID	
		5/15/01			